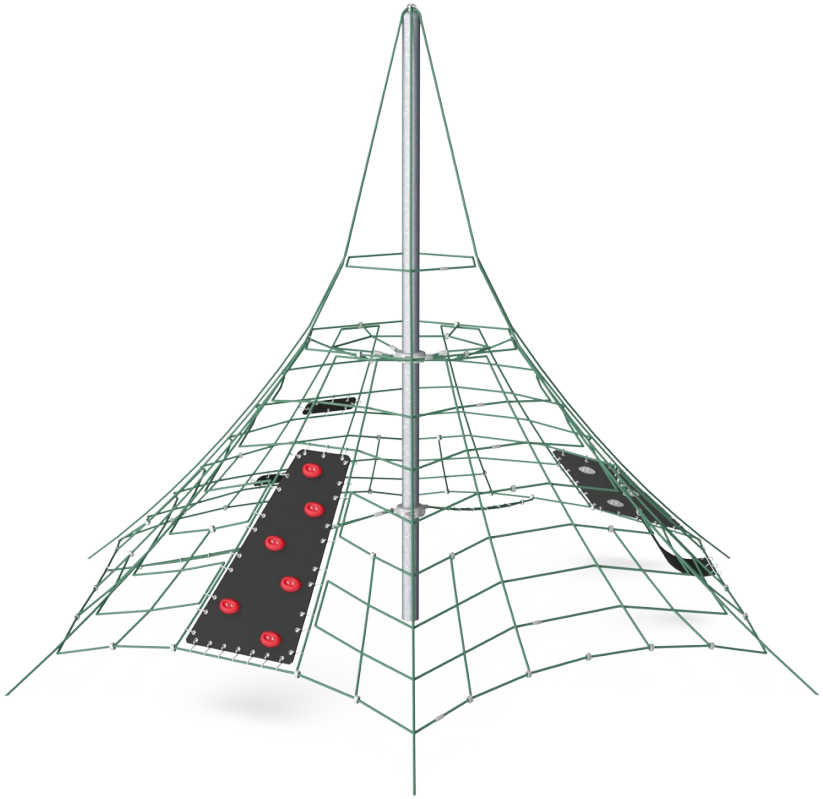
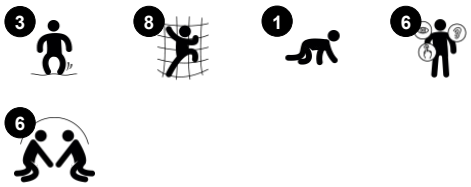
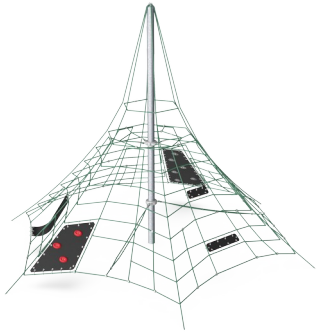
Emerald

COR20700



Item no. COR207001-1103	
General Product Information	
Dimensions LxWxH	581x503x390 cm
Age group	3+
Play capacity (users)	38
Colour options	





The Emerald is a transparent play net that encourages children to climb up high. The feeling of achievement when having climbed to the top is phenomenal. Climbing or swaying in the net with membranes is challenging and requires children to use their courage. It trains the motor skills' ABC: Agility, Balance and Coordination. Major muscle groups are used when children climb here: arms push and pull, legs push and the core provides stability. The membranes invites social breaks for children's social-emotional skills to develop.

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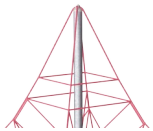
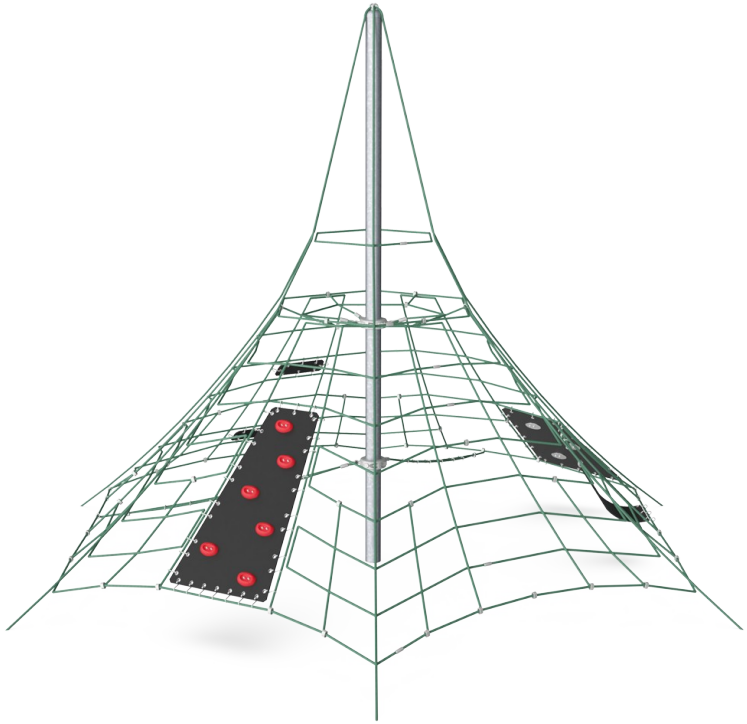
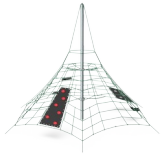


Highest rungs
Physical: spatial awareness is supported, arm muscles when holding tight. **Social-Emotional:** children develop courage, self-confidence, consideration and turn-taking, all important life skills.

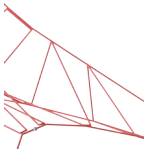




Big meshes
Physical: the big meshes allow for climbing and crawling, supporting proprioception, cross coordination and spatial awareness. **Social-Emotional:** allow more children being seated together, sharing.

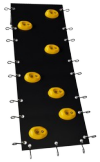
Membrane
Physical: the bouncy membrane develops the sense of balance when the child stands, steps or sits here. A faster way up, due to the extra support of the membrane. **Social-Emotional:** a meeting point for retreat from the rope landscape.

Mast
Physical: the slightly swaying mast stimulates children's muscles and motor skills when they hold tight climbing the net. **Social-Emotional:** children develop courage and self-regulation when climbing up high. This positively affects self-confidence.



Bouncy net meshes
Physical: agility, balance and coordination as well as spatial awareness are supported when bouncing, climbing and sitting in the net. **Social-Emotional:** the bouncing , swaying net appeals to empathy and cooperation. **Cognitive:** physical memory, logical thinking, concentration.

Sturdy, lower rungs
Physical: the stiff bounce of the lower rung supports balance and coordination as well as strengthens bone density when jumping down. **Social-Emotional:** great meeting point allowing socialising.



Membrane climber
Physical: develops cross coordination and leg, arm and hand strength. **Social-Emotional:** the inclination makes climbing feel secure, especially for younger children.

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Corocord 16mm ropes are special 'Hercules'-type with galvanised four-stranded steel wires and a steel wire core. Each strand is tightly wrapped with PES yarn, which is melted onto individual strand. The ropes are hard wearing and vandalism resistant and are easy to replace for any given site.

Designed to allow the typical function of rope play structures to move Corocord 'S' clamps are used as universal connections in Corocord products. 8mm stainless steel rods with rounded edges are pressed around the ropes with a special hydraulic press, making them the ideal connector. Our clamps are safe, durable and vandalism-proof.

Safety is at the forefront of our designer's minds. That's why our spacenets' main bearing ropes are equipped with an additional safety feature. Should the main connections point fail, we have included an additional safety rope which prevents the structure from collapsing.

Item no. COR207001-1103	
Installation Information	
Max. fall height	200 cm
Safety surfacing area	54.4 m²
Total installation time	9.0
Excavation volume	4.93 m³
Concrete volume	3.14 m³
Footing depth (standard)	110 cm
Shipment weight	260 kg
Anchoring options	In-ground ✔
Warranty Information	
Corocord (Hercules) Rope	10 years
Membrane	2 years
S-Clamps	10 years
Spare Parts Guarantee	10 years
Steel post HDG	Lifetime

Corocord membranes consist of friction-proof rubberised material of conveyor belt quality with excellent UV resistance. Tested and compliant with REACH requirements for PAH. Embedded is a four-layered armouring made of woven polyester. The armouring and the two surface layers result in a total thickness of 7.5 mm.

In the centre of the net is the mast which is made of high-quality seamless steel and creates an oscillating support structure which is statically favourable and equalises the oscillations in the net. The masts are hot-dip galvanised as standard, with the design option of additional powder coating.

For installations using rubber surfacing the turnbuckle protectors are to be ordered separately.

AS 4685 compliant

Sustainability Data

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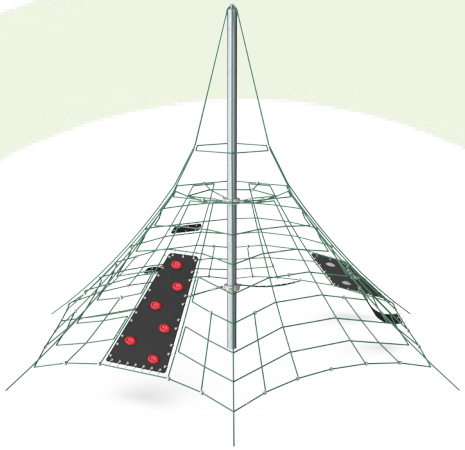

Cradle to Gate A1-A3	Total CO_2 emission	CO_2e/kg	Recycled materials
	kg CO_2e	kg CO_2e/kg	%
COR207001-1103	686.20	3.26	47.50

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

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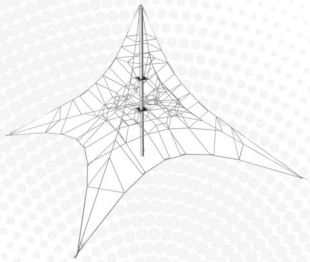
Validation of CO_2 calculation method
BUREAU VERITAS
HSE Denmark A/S

Verification of CO_2 calculation of: Corocord



Data version no. 2023-10-05

The CO_2 calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Corocord" represented by item no.: COR314011-1101.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

Date: 30. October 2023 | Valid until: 30. October 2025
Verified by:

Julie Marie Vejsgaard Larsen, LCA & EPD Consultant

Verification based on report: Validation of CO_2 calculation of 9 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Julie M. V. Larsen.

Publication date: 30. October 2023

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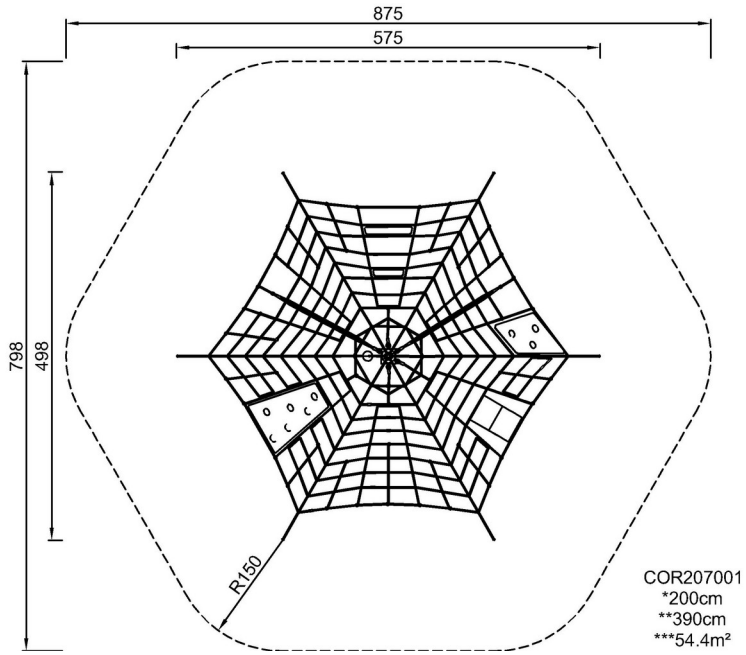
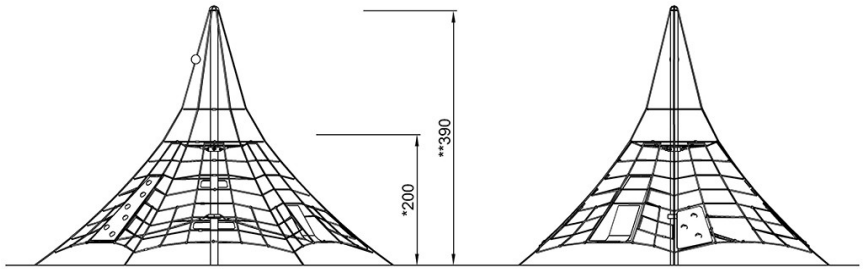
* Max fall height | ** Total height | *** Safety surfacing area



Click to see TOP VIEW

* Max fall height | ** Total height



Click to see SIDE VIEW